

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 178  | ((service near3 prov\$4) same (id or identi\$5) same (client or user or subscriber)).ab. and (internet near3 service near3 provid\$4) and password   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND              | ON      | 2007/09/24 16:40 |
| L2    | 2    | l1 and (master near4 provid\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND              | ON      | 2007/09/24 16:34 |
| L3    | 1    | ((Chevalier near3 Denis) or (Marmigere near3 Gerard) or (Szalai near3 Zsolf)).in. and ((service near3 provid\$4) and virtual).clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND              | ON      | 2007/09/24 16:37 |
| L4    | 0    | l1 and 713/202.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND              | ON      | 2007/09/24 16:41 |
| L5    | 1    | l1 and 713/182.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND              | ON      | 2007/09/24 16:41 |
| L6    | 0    | l1 and "713"/((182-184).ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND              | ON      | 2007/09/24 16:43 |
| L7    | 2    | l1 and 713/182-184.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND              | ON      | 2007/09/24 16:43 |
| S1    | 0    | access request (identifier or ID or identification) (sevice adj provider) ((user\$2 or subscriber\$2) near3 (identifier or ID or identification or password)) ((authoriz\$3 or authentic\$4) near3 (access or connect\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2006/11/01 16:01 |

## EAST Search History

|    |      |  |   |     |    |                  |
|----|------|--|---|-----|----|------------------|
| S2 | 8490 | access request (identifier or ID or identification) ((service adj provider) or source\$2 or ISP or MSP) ((user\$2 or subscriber\$2) near3 (identifier or ID or identification or password)) ((authoriz\$3 or authentic\$4) near3 (access or connect\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/11/01 16:04 |
| S3 | 176  | S2 ((reject or deny\$3) near3 (access\$3 or request) near3 (unauthoriz\$3 or authoriz\$3 or authentic\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/11/01 16:10 |
| S4 | 114  | S3 ((authoriz\$4 or authentic\$4 or legal\$3) near3 (request or identifier or password or id or identification))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/11/01 16:12 |
| S5 | 62   | S4 (service provider) network\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/11/01 16:13 |
| S6 | 60   | S5 access request (user or subscriber) (identifier or id or identification or password) authoriz\$4 connect\$4 (reject\$3 or deny\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/11/02 15:18 |
| S7 | 2    | "20040117668"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/11/02 15:18 |
| S8 | 2    | "6453301".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/12/24 18:28 |
| S9 | 2    | "20040117668"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/12/24 18:28 |

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|     |      |   |   |     |    |                  |
|-----|------|---|---|-----|----|------------------|
| S10 | 2    | "20040117668"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/27 17:25 |
| S11 | 1407 | (access\$4 (authoriz\$5 or authentic\$5 or valid\$4 or allow\$4) (client or subscriber or user) (id or identifier or identi\$5 or password or token) (shar\$4 or distribut\$4)).ab.                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND | ON | 2007/05/27 19:03 |
| S12 | 345  | S11 (access\$\$ and (connect\$4 or line) and service provid\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND | ON | 2007/05/27 17:41 |
| S13 | 137  | S12 and (access\$4 (isp or msp or internet or master or application or (web near3 server))).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND | ON | 2007/05/27 17:44 |
| S14 | 13   | S13 and (client service provider).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND | ON | 2007/05/27 17:47 |
| S15 | 3    | ((client near3 service near3 provider) and (master near3 service near3 provider)).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND | ON | 2007/05/27 17:48 |
| S16 | 4    | 726/3,8,27.ccls. and (access\$4 authoriz\$5 master service provider client (id or identi\$5) connect\$4). bsum.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND | ON | 2007/05/27 19:31 |
| S17 | 553  | (access\$4 near4 (user or client) near3 ((master adj service provider) or isp or msp or internet) same request\$4 (id or identi\$5 password or token) same (authoriz\$5 or authentic\$4))               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND | ON | 2007/05/27 19:39 |
| S18 | 574  | (access\$4 near4 (user or subscriber or client) near3 ((master adj service provider) or isp or msp or internet) same request\$4 (id or identi\$5 password or token) same (authoriz\$5 or authentic\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | AND | ON | 2007/05/27 19:40 |

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|     |    |  |   |      |    |                  |
|-----|----|--|---|------|----|------------------|
| S19 | 9  | S17 and (access\$4 near4 (user or subscrib\$3 or client) near4 ((client adj service adj provider) or local or intranet (small near3 network)) same request\$4 same (id or identi\$5 password or token) same (authoriz\$5 or authentic\$4 or valid\$4 or allow\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/27 19:56 |
| S20 | 92 | (shar\$4 network access\$3 Internet service provider)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2007/05/27 19:57 |
| S21 | 84 | S20 and (access\$4 same (client or user or subscriber) with internet or isp or msp or master)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/27 19:59 |
| S22 | 23 | S21 and ((client or user or subscriber) with (id or identi\$5 or password or profile) same (authoriz\$4 or authentic\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/27 20:32 |
| S23 | 0  | ("2005/0002504").URPN.   | USPAT   | AND  | ON | 2007/05/27 20:31 |
| S24 | 3  | shar\$4 near4 access\$4 near4 capacit\$4 near4 service near4 provider  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/27 20:34 |
| S25 | 3  | (shar\$4 access\$4 capacit\$4 service provider).ti.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/27 20:35 |
| S26 | 9  | (shar\$4 access\$4 capacit\$4 service provider).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/28 09:50 |
| S27 | 0  | ("2004/0153556").URPN.   | USPAT   | AND  | ON | 2007/05/27 20:56 |
| S28 | 2  | "20010026553"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/28 09:58 |
| S29 | 2  | "6032118".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/28 10:08 |

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|     |      |   |   |     |    |                  |
|-----|------|---|---|-----|----|------------------|
| S30 | 2    | "6571290".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 10:14 |
| S31 | 1263 | ((different or two or plurality) near4 service near4 provider).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 11:58 |
| S32 | 18   | S31 and (access\$4 and (password or id or identit\$5) (authoriz\$4 or authentic\$5)).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 11:08 |
| S33 | 1    | (bryan near4 chua).in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 11:09 |
| S34 | 1964 | ((different or two or plurality or mult\$5 or several) near4 service near4 provider).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 11:59 |
| S35 | 152  | S34 and ((subscriber or user or client) near4 ((different or several or mult\$4 or two or pluralit\$4) near4 service near4 provider) near4 access\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:49 |
| S36 | 26   | S35 and (access\$4 same (user or subscriber or client) near4 (id or identi\$5 or password) same (authentic\$4 or authoriz\$4 or valid\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 13:39 |
| S37 | 1    | (shar\$4 near4 access\$4 near4 (resourc\$3 or capacit\$4 or bandwidth or connect\$4 or line) near4 (different or two or pluralit\$4 or several or multi\$4) near4 service near3 provider).ab. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:08 |
| S38 | 2    | "6985963".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 13:46 |

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|     |     |   |   |     |    |                  |
|-----|-----|---|---|-----|----|------------------|
| S39 | 3   | (shar\$4 near4 access\$4 near4 (resourc\$3 or capacit\$4 or bandwidth or connect\$4 or line) near4 (different or two or pluralit\$4 or several or multi\$4) near4 service near3 provider) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:13 |
| S40 | 0   | (shar\$4 near4 access\$4 near4 (resourc\$3 or capacit\$4 or bandwidth) near4 (different or two or pluralit\$4 or several or multi\$4) near4 service near3 provider).bsum.                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:14 |
| S41 | 7   | (shar\$4 access\$4 near4 (resourc\$3 or capacit\$4 or bandwidth) near4 (different or two or pluralit\$4 or several or multi\$4) near4 service near3 provider).bsum.                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:31 |
| S42 | 0   | wo-19323-\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:26 |
| S43 | 0   | wo-019323-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:26 |
| S44 | 0   | wo-0019323-\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:26 |
| S45 | 450 | (shar\$4 access\$4 service provider).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:32 |
| S46 | 242 | S45 and (access\$4 (different or two or pluralit\$4 or several or multi\$4) service provider).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:33 |
| S47 | 8   | S46 and (access\$4 near4 (user or client or subscriber) near4 (id or password or identi\$5)).bsum.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:35 |
| S48 | 0   | S35 ((different or two or several) service provider access\$4 shar\$4 (resource or bandwidth or capacit\$4)).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:51 |

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|     |     |   |   |     |    |                  |
|-----|-----|---|---|-----|----|------------------|
| S49 | 1   | S35 ((different or two or several or plural\$4) service provider access\$4 shar\$4 (resource or bandwidth or capacit\$4)).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 14:58 |
| S50 | 6   | ((different or two or several or plural\$4) service provider access\$4 (id or identi\$4 or password) shar\$4 (resource or bandwidth or capacit\$4)).ab.                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 15:06 |
| S51 | 58  | ((different or two or several or plural\$4) service provider access\$4 (id or identi\$4 or password) (authentic\$4 or authoriz\$4 or valid\$4)).ab.                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:04 |
| S52 | 3   | S51 (shar\$4 near4 (resourc\$3 or service\$4 or capacit\$4 or bandwidth))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 15:09 |
| S53 | 5   | S51 (shar\$4 same (resourc\$3 or service\$4 or capacit\$4 or bandwidth))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 15:09 |
| S54 | 12  | ((different or two or several or plural\$4) near4 service near4 provider) access\$4 (id or identi\$4 or password) (authentic\$4 or authoriz\$4 or valid\$4)).ab.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 15:49 |
| S55 | 21  | ((different or two or several or plural\$4) with service with provider) access\$4 (id or identi\$4 or password) (authentic\$4 or authoriz\$4 or valid\$4)).ab.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:01 |
| S56 | 2   | "20040106379"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 15:52 |
| S57 | 51  | ((user or client or subscriber) (different or two or several or plural\$4) service provider access\$4 (id or identi\$4 or password) (authentic\$4 or authoriz\$4 or valid\$4)).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:06 |
| S58 | 661 | ((user or client or subscriber) (different or two or several or plural\$4) service provider access\$4 (id or identi\$4 or password) (authentic\$4 or authoriz\$4 or valid\$4)).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:06 |

## EAST Search History

|     |     |  |   |     |    |                  |
|-----|-----|--|---|-----|----|------------------|
| S59 | 50  | ((user or client or subscriber) near4 (different or two or several or plural\$4) near4 service near4 provider) access\$4 (id or identi\$4 or password) (authentic\$4 or authoriz\$4 or valid\$4)).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:09 |
| S60 | 481 | (different service provider network\$4 access\$4).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:09 |
| S61 | 128 | ((different near4 service near4 provider) network\$4 access\$4).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:10 |
| S62 | 28  | S61 and ((user or client or subscriber) access\$4 (id or identi\$5 or password)).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:37 |
| S63 | 2   | ep-1343345-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:38 |
| S64 | 0   | wo-040931-\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:39 |
| S65 | 2   | wo-2004040931-\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 16:40 |
| S66 | 2   | wo-2004097590-\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 17:18 |
| S67 | 8   | (6571290 6912567 6874030 6145002).pn.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | AND | ON | 2007/05/28 16:54 |
| S68 | 4   | (6571290 6912567 6874030 6145002).pn.  | USPAT   | AND | ON | 2007/05/28 17:25 |



## EAST Search History

|     |   |                      |   |     |    |                  |
|-----|---|----------------------|---|-----|----|------------------|
| S69 | 1 | wo-200019323-\$.did. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 17:20 |
| S70 | 2 | wo-9204671-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 17:21 |
| S71 | 0 | ep-0695985-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 17:22 |
| S72 | 2 | ep-695985-\$.did.    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 17:22 |
| S73 | 2 | ep-686905-\$.did.    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/28 17:24 |
| S74 | 0 | "20020116484"        | USPAT   | AND | ON | 2007/05/28 17:25 |
| S75 | 0 | "2002116484"         | USPAT   | AND | ON | 2007/05/28 17:25 |
| S76 | 1 | "20020116484"        | US-PGPUB  | AND | ON | 2007/05/28 17:31 |
| S77 | 1 | "20020169836"        | US-PGPUB  | AND | ON | 2007/05/28 17:35 |
| S78 | 1 | "20020133412"        | US-PGPUB  | AND | ON | 2007/05/28 17:42 |
| S79 | 1 | "20030212800"        | US-PGPUB  | AND | ON | 2007/05/28 17:42 |